

“(2) GUIDELINES.—The Secretary shall award fellowships under the program required by paragraph (1) pursuant to guidelines that the Secretary shall establish and using appropriate authorities and programs available to the Secretary.

“(3) EQUAL ACCESS.—In carrying out the program required by paragraph (1), the Secretary shall establish procedures to ensure that minority, geographically diverse, and economically disadvantaged students have equal access to fellowship opportunities under such program.”.

(b) MULTIDISCIPLINARY PARTNERSHIPS WITH UNIVERSITIES.—Such section is further amended—

(1) by redesignating subsection (g), as redesignated by subsection (a)(1), as subsection (h); and

(2) by inserting after subsection (f), as added by subsection (a)(2), the following new subsection (g):

“(g) MULTIDISCIPLINARY PARTNERSHIPS WITH UNIVERSITIES.—In carrying out the program under subsection (a), the Secretary of Defense may develop partnerships with universities to enable students to engage in multidisciplinary courses of study.”.

(c) COMPTROLLER GENERAL OF THE UNITED STATES ASSESSMENT OF PROGRAM.—

(1) ASSESSMENT AND BRIEFING.—Not later than 180 days after the date of the enactment of this Act, the Comptroller General of the United States shall—

(A) commence an assessment of the program carried out under section 234 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232; 10 U.S.C. 2358 note), as amended by this section, with consideration of the report submitted under subsection (h) of such section (as redesignated by subsection (b)(2) of this section); and

(B) provide the congressional defense committees a briefing on the preliminary findings of the Comptroller General with respect to such program.

(2) FINAL REPORT.—At a date agreed to by the Comptroller General and the congressional defense committees at the briefing provided pursuant to paragraph (1)(B), the Comptroller General shall submit to the congressional defense committees a final report with the findings of the Comptroller General with respect to the assessment conducted under paragraph (1)(A).

## SEC. 2. IMPROVEMENTS TO NATIONAL QUANTUM INITIATIVE PROGRAM.

(a) SENSE OF CONGRESS.—It is the sense of Congress that—

(1) the execution of the National Defense Strategy is critical to national security; and

(2) the success of the National Quantum Initiative Program is necessary for the Department of Defense to carry out the National Defense Strategy.

(b) DEPARTMENT OF DEFENSE PARTICIPATION IN NATIONAL QUANTUM INITIATIVE PROGRAM.—

(1) CONSULTATION.—Section 234 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232; 10 U.S.C. 2358 note), as amended by section [2], is further amended by inserting after subsection (h), as redesignated by section [2], the following new subsection:

“(i) CONSULTATION.—The Secretary of Defense shall consult with the Secretary of Energy, the Director of the National Institute of Standards and Technology, the Director of the National Science Foundation, and such other officials as the Secretary of Defense considers appropriate in development of efforts to conduct basic research to accelerate scientific breakthroughs in quantum information science and technology.”.

(c) ADDITIONAL IMPROVEMENTS REGARDING CONSULTATION AND COORDINATION.—

(1) IN GENERAL.—The Secretary of Energy, the Secretary of Commerce acting through

the Director of the National Institute of Standards and Technology, the Director of the National Science Foundation, and the heads of other Federal agencies participating in the National Quantum Initiative Program shall consult with each other and the heads of other relevant Federal agencies, including the Secretary of Defense and the Director of National Intelligence, to carry out the goals of the National Quantum Initiative Program.

(2) INVOLVEMENT OF DEPARTMENT OF DEFENSE AND INTELLIGENCE COMMUNITY IN NATIONAL QUANTUM INITIATIVE ADVISORY COMMITTEE.—

(A) QUALIFICATIONS.—Subsection (b) of section 104 of the National Quantum Initiative Act (Public Law 115-368; 15 U.S.C. 8814) is amended by striking “and Federal laboratories” and inserting “Federal laboratories, and defense and intelligence researchers”.

(B) INTEGRATION.—Such section is amended—

(i) by redesignating subsections (e) through (g) as subsection (f) through (h), respectively; and

(ii) by inserting after subsection (d) the following new subsection (e):

“(e) INTEGRATION OF DEPARTMENT OF DEFENSE AND INTELLIGENCE COMMUNITY.—The Advisory Committee shall take such actions as may be necessary, including by modifying policies and procedures of the Advisory Committee, to ensure the full integration of the Department of Defense and the intelligence community (as defined in section 3 of the National Security Act of 1947 (50 U.S.C. 3003)) in activities of the Advisory Committee.”.

(3) CLARIFICATION OF PURPOSE OF MULTIDISCIPLINARY CENTERS FOR QUANTUM RESEARCH AND EDUCATION.—Section 302(c) of the National Quantum Initiative Act (Public Law 115-368; 15 U.S.C. 8842(c)) is amended—

(A) in paragraph (2), by striking “; and” and inserting a semicolon;

(B) in paragraph (3), by striking the period at the end and inserting “; and”; and

(C) by adding at the end the following new paragraph:

“(4) encouraging workforce collaboration, both with private industry and among Federal entities, including national defense agencies and the intelligence community (as defined in section 3 of the National Security Act of 1947 (50 U.S.C. 3003)).”.

(4) COORDINATION OF NATIONAL QUANTUM INFORMATION SCIENCE RESEARCH CENTERS.—Section 402(d) of the National Quantum Initiative Act (Public Law 115-368; 15 U.S.C. 8852(d)) is amended—

(A) by redesignating paragraphs (2) and (3) as paragraphs (3) and (4), respectively; and

(B) by inserting after paragraph (1) the following new paragraph (2):

“(2) other research entities of the Federal government, including research entities in the Department of Defense and research entities in the intelligence community (as defined in section 3 of the National Security Act of 1947 (50 U.S.C. 3003)).”.

(5) NATIONAL QUANTUM COORDINATION OFFICE, COLLABORATION WHEN REPORTING TO CONGRESS.—Section 102 of the National Quantum Initiative Act (Public Law 115-368; 15 U.S.C. 8812) is amended—

(A) by redesignating subsection (c) as subsection (d); and

(B) by inserting after subsection (b) the following new subsection (c):

“(c) COLLABORATION WHEN REPORTING TO CONGRESS.—The Coordination Office shall ensure that when participants in the National Quantum Initiative Program prepare and submit reports to Congress that they do so in collaboration with each other and as appropriate Federal civilian, defense, and intelligence research entities.”.

(6) REPORTING TO ADDITIONAL COMMITTEES OF CONGRESS.—Paragraph (2) of section 2 of

such Act (15 U.S.C. 8801) is amended to read as follows:

“(2) APPROPRIATE COMMITTEES OF CONGRESS.—The term ‘appropriate committees of Congress’ means—

“(A) the Committee on Commerce, Science, and Transportation, the Committee on Armed Services, and the Select Committee on Intelligence of the Senate; and

“(B) the Committee on Energy and Commerce, the Committee on Science, Space, and Technology, the Committee on Armed Services, and the Permanent Select Committee on Intelligence of the House of Representatives.”.

**SA 4255.** Ms. HASSAN submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

## SEC. . SUPPORT AND SERVICES FOR CRITICAL INFRASTRUCTURE.

Section 2012 of title 10, United States Code, is amended—

(1) in subsection (e)—

(A) by redesignating paragraph (3) as paragraph (4); and

(B) by inserting after paragraph (2) the following new paragraph (3):

“(3) Critical infrastructure (as defined in the Critical Infrastructures Protection Act of 2001 (42 U.S.C. 5195c)).”; and

(2) in subsection (f), by adding at the end the following new paragraph:

“(5) Procedures to ensure that assistance provided to an entity specified in subsection (e)(3) is provided in a manner that is consistent with similar assistance provided under authorities applicable to other Federal departments and agencies, including the authorities of the Cybersecurity and Infrastructure Agency under title XXII of the Homeland Security Act of 2002 (6 U.S.C. 651 et seq.).”.

**SA 4256.** Mr. LEE submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle E of title III, add the following:

## SEC. 376. BRIEFING ON AIR FORCE PLAN FOR CERTAIN AEROSPACE GROUND EQUIPMENT MODERNIZATION.

Not later than March 1, 2022, the Secretary of the Air Force shall provide a briefing to the Committees on Armed Services of the Senate and the House of Representatives on current and future plans for the replacement of aging aerospace ground equipment, which shall include—

(1) an analysis of the average yearly cost to the Air Force of maintaining legacy and out-of-production air start carts;

(2) a comparison of the cost of reconditioning existing legacy systems compared to the cost of replacing such systems with next-generation air start carts;

(3) an analysis of the long-term maintenance and fuel savings that would be realized by the Air Force if such systems were upgraded to next-generation air start carts;

(4) an analysis of the tactical and logistical benefits of transitioning from current aerospace ground equipment systems to modern systems; and

(5) an overview of existing and future plans to replace legacy air start carts with modern aerospace ground equipment technology.

**SA 4257.** Mr. INHOFE submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle A of title XV, add the following:

**SEC. 1516. PROHIBITION ON THE USE OF AIR FORCE PERSONNEL TO PROVIDE OPERATING SUPPORT TO SPACE FORCE INSTALLATIONS.**

(a) IN GENERAL.—Subject to subsection (b), the Secretary of the Air Force may not use Air Force personnel to provide operating support to Space Force installations after October 1, 2024.

(b) WAIVER.—The Secretary may waive the application of subsection (a) on a case-by-case basis if the Secretary certifies to the congressional defense committees that only Air Force personnel are capable of providing the specific support necessary.

**SA 4258.** Mr. INHOFE submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title I, insert the following:

**SEC. 1. REQUIREMENT FOR OPERATIONAL USE OF F135 ENGINES.**

(a) IN GENERAL.—The Secretary of the Defense may not change inspection criteria limits for the F135 engine to allow cracks in fan blades until submittal of the report under subsection (b).

(b) ANALYSIS AND REPORT.—

(1) IN GENERAL.—The Secretary of Defense shall enter into a contract with a federally funded research and development center to provide an independent analysis of and report on the following:

(A) The risk associated with expanding limits on cracked blades or other vulnerabilities to F135 engine operations.

(B) Mitigation of risk associated with expanding such limits.

(C) Alternative courses of action to increase on wing time for the engine.

(D) Other topics as the Secretary considers appropriate.

(2) SUBMITTAL TO CONGRESS.—Not later than June 1, 2022, the Secretary shall submit to the congressional defense committees the report described in paragraph (1).

**SA 4259.** Mr. LUJÁN (for himself, Mr. CRAPO, Mr. KELLY, Mr. HEINRICH, Ms. ROSEN, Ms. CORTEZ MASTO, and Mr. BENNET) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle E of title XXXI, add the following:

**SEC. 3157. IDENTIFICATION OF STATES IN FINDINGS, PURPOSE, AND APOLOGY RELATING TO FALLOUT EMITTED DURING THE GOVERNMENT'S ATMOSPHERIC NUCLEAR TESTS.**

Section 2(a)(1) of the Radiation Exposure Compensation Act (Public Law 101-426; 42 U.S.C. 2210 note) is amended by inserting “, including individuals in New Mexico, Idaho, Colorado, Arizona, Utah, Texas, Wyoming, Oregon, Washington, South Dakota, North Dakota, Nevada, Montana, Guam, and the Northern Mariana Islands,” after “tests exposed individuals”.

**SA 4260.** Mr. LUJÁN (for himself, Mr. CRAPO, Mr. KELLY, Mr. HEINRICH, Ms. ROSEN, Ms. CORTEZ MASTO, and Mr. BENNET) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

**SEC. . . . EXTENSION OF FUND.**

Section 3(d) of the Radiation Exposure Compensation Act (Public Law 101-426; 42 U.S.C. 2210 note) is amended—

(1) by striking the first sentence and inserting “The Fund shall terminate 2 years after the date of enactment of the National Defense Authorization Act for Fiscal Year 2022.”; and

(2) by striking “22-year” and inserting “2-year”.

**SA 4261.** Mr. TESTER (for himself, Mr. GRASSLEY, Mr. BOOKER, Mr. DAINES, and Mr. ROUNDS) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

**SEC. . . . OFFICE OF THE SPECIAL INVESTIGATOR FOR COMPETITION MATTERS.**

The Packers and Stockyards Act, 1921, is amended by inserting after section 210 (7 U.S.C. 197c) the following:

**“SEC. 211. OFFICE OF THE SPECIAL INVESTIGATOR FOR COMPETITION MATTERS.**

“(a) ESTABLISHMENT.—There is established within the Packers and Stockyards Division of the Department of Agriculture an office, to be known as the ‘Office of the Special Investigator for Competition Matters’ (referred to in this section as the ‘Office’).

“(b) SPECIAL INVESTIGATOR FOR COMPETITION MATTERS.—The Office shall be headed by the Special Investigator for Competition Matters (referred to in this section as the ‘Special Investigator’), who shall be appointed by the Secretary.

“(c) DUTIES.—The Special Investigator shall—

“(1) use all available tools, including subpoenas, to investigate and prosecute violations of this Act by packers;

“(2) serve as a Department of Agriculture liaison to, and act in consultation with, the Department of Justice and the Federal Trade Commission with respect to competition and trade practices in the food and agricultural sector;

“(3) act in consultation with the Department of Homeland Security with respect to national security and critical infrastructure security in the food and agricultural sector; and

“(4) maintain a staff of attorneys and other professionals with appropriate expertise.

“(d) PROSECUTORIAL AUTHORITY.—Notwithstanding title 28, United States Code, the Special Investigator shall have the authority to bring any civil or administrative action authorized under this Act against a packer.”.

**SA 4262.** Mr. MURPHY submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle G of title X, add the following:

**SEC. 1064. GLOBAL COVID-19 VACCINE DISTRIBUTION AND DELIVERY.**

(a) ACCELERATING GLOBAL COVID-19 VACCINE DISTRIBUTION STRATEGY.—The Secretary of State, in consultation with the Secretary of Defense, the Secretary of Health and Human Services, the Administrator of the United States Agency for International Development, the Director of the Centers for Disease Control and Prevention, the Chief Executive Officer of the United States International Development Finance Corporation, and the heads of other relevant Federal departments and agencies, as determined by the President, shall develop a strategy to expand access to, and accelerate the global distribution of, COVID-19 vaccines to other countries.

(b) CONTENTS.—The strategy developed pursuant to subsection (a) shall—

(1) describe how the United States Government will ensure the efficient delivery and